

Amendments to the Claims

The following Listing of Claims replaces all prior versions, and listings, of claims in the application.

Listing of Claims:

Claim 1 (previously presented): A process for a camera having a display, the process comprising the steps of:

presenting a cursor and a plurality of icons at respective positions in the display; sensing motion of the camera;

maintaining the position of the cursor fixed in the display while repositioning the icons in the display in a direction opposite to the sensed motion of the camera; and

in response to user input selecting a target one of the icons positioned under the cursor.

Claim 2 (previously presented): The process as set forth in claim 1, further comprising tracking features in a scene viewed through the camera, and wherein at least one of the icons is repositioned to appear to be fixed in space with regard to the tracked features.

Claim 3 (previously presented): The process as set forth in claim 2, wherein the at least one of the icons is repositioned by an amount corresponding, to the sensed motion of the camera.

Claim 4 (previously presented): The process as set forth in claim 1, wherein the presenting step comprises superimposing the cursor and the icons on a scene viewed through the camera.

Claim 5 (original): The process as set forth in claim 1, wherein the motion is sensed using a non-optical motion detector.

Claim 6 (original): The process as set forth in claim 1, wherein the motion is sensed using an optical motion detector.

Claim 7 (previously presented): The process as set forth in claim 1, wherein each of the icons is a thumbnail image.

Claim 8 (previously presented): The process as set forth in claim 7, including the steps of:

interpreting the sensed motion of the camera as user input; and

performing image manipulation on a high resolution image associated with a selected one of the thumbnail images in a manner responsive to the interpreted user input.

Claim 9 (original): The process as set forth in claim 8, including the step of transferring the manipulated high resolution image to a device external to the camera.

Claim 10 (original): The process as set forth in claim 1, wherein the target icon is associated with a function to be performed when the target icon is selected.

Claims 11-21 (canceled)

Claim 22 (previously presented): A process for a camera having a display, comprising:

sensing motion of the camera;

interpreting sensed motion of the camera as a user interface input; and

presenting on the display images superimposed on a scene viewed through the camera in accordance with the interpreted user interface input.

Claim 23 (previously presented): The process of claim 22, wherein the interpreting step comprises determining a viewpoint for displaying a region of a given image on the display based on the sensed motion of the camera.

Claim 24 (previously presented): The process of claim 23, wherein the given image comprises a collection of icons.

Claim 25 (previously presented): The process of claim 24, wherein the presenting step comprises presenting in the display different regions of the given image containing respective subsets of the collection of icons in accordance with the determined viewpoint.

Claim 26 (previously presented): The process of claim 25, wherein the presenting step comprises superimposing a cursor in front of the displayed region of the give image, and further comprising selecting an icon displayed behind the cursor in response to a user selection input.

Claim 27 (previously presented): The process of claim 24, wherein the collection of icons includes thumbnail images each corresponding to a lower-resolution version of a respective stored image.

Claim 28 (previously presented): The process of claim 22, wherein the sensing step comprises tracking motion of the camera.

Claim 29 (previously presented): The process of claim 28, wherein the interpreting step comprises determining a sequence of regions of the given image to present on the display reflecting the tracked motion of the camera, and the presenting step comprises presenting the sequence of regions.

Claim 30 (previously presented): The process of claim 22, wherein the sensing step comprises acquiring a sequence of images and comparing successive images in the sequence to identify parameters describing motion of the device.

Claim 31 (previously presented): A camera, comprising:
a display;
a motion sensor configured to sense motion of the camera; and
circuitry configured to interpret sensed motion of the device as a user interface input and to present on the display images superimposed on a scene viewed though the camera in accordance with the interpreted user interface input.

Claim 32 (previously presented): The camera of claim 31, wherein the circuitry is configured to determine a viewpoint for displaying a region of a given image on the display based on the sensed motion of the camera.

Claim 33 (previously presented): The camera of claim 32, wherein the given image comprises a collection of icons.

Claim 34 (previously presented): The camera of claim 33, wherein the circuitry is configured to present in the display different regions of the given image containing respective subsets of the collection of icons in accordance with the determined viewpoint.

Claim 35 (previously presented): The camera of claim 34, wherein the circuitry is configured to superimpose a cursor in front of the displayed region of the give image, and further comprising selecting an icon displayed behind the cursor in response to a user selection input.

Claim 36 (previously presented): The camera of claim 33, wherein the collection of icons includes thumbnail images each corresponding to a lower-resolution version of a respective stored image.

Claim 37 (previously presented): The camera of claim 31, wherein the circuitry is configured to track motion of the camera.

Claim 38 (previously presented): The camera of claim 37, wherein the circuitry is configured to determine a sequence of regions of the given image to present on the display reflecting the tracked motion of the camera, and the presenting step comprises presenting the sequence of regions.

Claim 39 (previously presented): The camera of claim 31, wherein the circuitry is configured to acquire a sequence of images and comparing successive images in the sequence to identify parameters describing motion of the device.

Claim 40 (previously presented): The camera of claim 31, wherein the display is a see-through display, wherein a virtual image is displayable over a scene viewed through the see-through display.

Claim 41 (previously presented): A process for a camera having a display, comprising:

sensing motion of the camera;

interpreting sensed motion of the camera as a user interface input;

presenting images on the display in accordance with the interpreted user interface input; and

repositioning the images presented on the display in response to sensed motion of the camera such that the presented images appear fixed with respect to a coordinate system external to the camera.

Claim 42 (previously presented): The process of claim 22, wherein presenting comprises simultaneously presenting a virtual image and an image of a scene viewed through the camera.

Claim 43 (previously presented): The process of claim 42, wherein the virtual image includes a sheet of thumbnail images superimposed on a view through the camera.

Claim 44 (previously presented): A process for a camera having a display, comprising:

sensing motion of the camera;

interpreting sensed motion of the camera as a user interface input; and

presenting images on the display in accordance with the interpreted user interface input, wherein presenting comprises presenting different portions of a virtual panorama in the display in accordance with the interpreted user interface input, wherein the virtual panorama is composed of multiple images captured by the camera.

Claim 45 (previously presented): A process for a camera having a display, comprising:

sensing motion of the camera;
interpreting sensed motion of the camera as a user interface input;
presenting images on the display in accordance with the interpreted user interface input; and
selecting a portion of a scene through the camera based on the interpreted user interface input.

Claim 46 (previously presented): The process of claim 45, wherein selecting the scene portion comprises designating boundaries of a region of the scene.

Claim 47 (previously presented): The process of claim 46, further comprising storing the designated region boundaries in the camera.

Claim 48 (previously presented): A process for a camera having a display, comprising:

sensing motion of the camera;
interpreting sensed motion of the camera as a user interface input;
presenting images on the display in accordance with the interpreted user interface input; and
modifying a captured image in response to the interpreted user interface input.

Claim 49 (previously presented): The process of claim 48, wherein modifying comprises cropping the captured image.

Claim 50 (previously presented): The process of claim 48, wherein modifying comprises changing color parameters associated with the captured image.

Claim 51 (previously presented): The process of claim 22, further comprising automatically recording time of day and geographic location data with each picture captured by the camera.

Applicant : D. Amnon Silverstein
Serial No. : 09/484,667
Filed : Jan. 18, 2000
Page : 8 of 15

Attorney's Docket No.: 10982103-1
Amendment dated July 25, 2005
Reply to Office action dated June 2, 2005

Claim 52 (previously presented): The process of claim 28, wherein the camera additionally has a second display, and further comprising presenting in the first and second displays a stereoscopic pair of images captured by the camera based on the tracked motion of the camera.